EXPRESS MAIL CERTIFICATE EV 265 903 950 US

Fee calculation table:		i. =
Fee calculation is based on 3 independent and 20 total claims 37CFR1.16(a) Basic filing fee - Utility 37CFR1.16(b) Independent claims in excess of three - x \$84.00 ea. 37CFR1.16(c) Claims in excess of twenty - x \$18.00 ea.	\$750.00 84.00	10/62746
37CFR1.21(h) Recordation of Assignment TOTAL DUE:	<u>\$</u> \$750.00	

DEPOSIT ACCOUNT **190130** AUTHORIZATION – The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,

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PTO/SB/17 (01-03)
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TOTAL AM	OUNT OF	PAYMENT
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(\$)	750.	.00
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FEE TRANSMITTAL		Complete if Known				
FEE IKAN	DIVILLIAL	Application Number		PT		
for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 OTAL AMOUNT OF PAYMENT (\$) 750.00		Filing Date	HEREIN	 - -		
		First Named Inventor	KOCH, Frederick E.	7. s 27.		
		Examiner Name		7 c 62		
		Art Unit		86		
		Attorney Docket No.	20030077-US			

METH	OD OF PAYMENT (check all that apply)		_		FEE	ECALCULATION (continued)	
Check	Credit card Money Other None	3. Al	DDITI	ONAL	. FEE	S	
	Order L	Large !	Entity	Small	Entity		
Deposit /		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid _
Account Number	190130	1051	130	2051	• •	Surcharge - late filing fee or oath	reeraiu
Deposit Account	BAE Systems	1052	50	2052	25	Surcharge - late provisional filing fee or	
Name		1053	130	1053	130	Cover sheet Non-English specification	
	ioner is authorized to: (check all that apply)	1812		1812		For filing a request for ex parte reexamination	
	(s) indicated below Credit any overpayments	1804	920*	1804		Requesting publication of SIR prior to	
= ' '	additional fee(s) during the pendency of this application	,,,,,	020	1001	020	Examiner action	
_	(s) indicated below, except for the filing fee entified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
to the above-id		1251	110	2251	55	Extension for reply within first month	
	FEE CALCULATION	1252	410	2252	205	Extension for reply within second month	
1. BASIC FI Large Entity S		1253	930	2253	465	Extension for reply within third month	
Fee Fee	Fee Fee Fee Description Fee Paid	1254	1.450	2254	725	Extension for reply within fourth month	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
` '	Code (\$)	1255	1.970	2255	985	Extension for reply within fifth month	
	2001 375 Utility filing fee 750	1401	320	2401		Notice of Appeal	ľ
	2002 165 Design filing fee	1402	320	2402		Filing a brief in support of an appeal	
	2003 260 Plant filing fee					Request for oral hearing	
	2004 375 Reissue filing fee	1403	280	2403		· '	
1005 160	2005 80 Provisional filing fee	1	1,510	1451		Petition to institute a public use proceeding	
l	SUBTOTAL (1) (\$) 750	1452	110	2452		Petition to revive - unavoidable	
2 EYTDA (CLAIM FEES FOR UTILITY AND REISSUE		1,300	2453		Petition to revive - unintentional	
Z. EXTINA	Fee from		1,300	2501		Utility issue fee (or reissue)	
Total Claims	Extra Claims below Fee Paid	1502	470	2502		Design issue fee	
Independent	-20** = X = X	1503	630	2503	315	Plant issue fee	
Claims	-3** = L X L =	1460	130	1460	130	Petitions to the Commissioner	
Multiple Depe	ndent =	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
	Small Entity	1806	180	1806		Submission of Information Disclosure Stmt	
Fee Fee Code (\$)	Fee Fee <u>Fee Description</u> Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	
1202 18	2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection	
1201 84	2201 42 Independent claims in excess of 3					(37 ČFR 1.129(a))	
1203 280	2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1204 84	2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	` ` ' ' '	
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
	CURTOTAL (2)	Other	fee (sp	ecify) _			
**or numbe	SUBTOTAL (2) (\$) r previously paid, if greater; For Reissues, see above	*Red	iced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$)	[]

(Complete (if applicable) SUBMITTED BY Registration No. Telephone 603-886-6100 Neil F 42,833 Name (Print/Type) (Attorney/Agent) July 25, 2003 Signature

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

In Re Application of: KOCH, Frederick E. et al

with an agency of the United States Government.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit:

Serial	No.	Examiner:
Filed:	HEREIN	Atty. Dkt. No: 20030077-US
For:	QUANTUM DOT INFRARED PHOTODE	TECTOR FOCAL PLANE ARRAY
То:	Mail Stop Patent Application Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450	24222 PATENT TRADEMARK OFFICE
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Date:	07 25 2003 MDel	bra A. Stengel or [-] Neil F. Maloney, Reg. No. 42,833
Comm	nissioner: <u>LETTER OF TRA</u>	ANSMITTAL
Transr	Submitted herewith is a application for Unit	ted States patent consisting of 1 page Fee page Patent Application Bibliographic
	Sheet, <u>16</u> pages of specification and clain	
declar	ation and power of attorney.	
[] ([X] ((37 CFR 1.9(f) & 1.27(c)) Small Entity status (35 U.S.C. 122(b)(2)(B)(i)) PTO form PTO/S (37 CFR 1.84(J)) – Applicant requests FIG patent application publication and patent. PCT application being filed concurrently	• •
The in	vention was not made by an agency of the Uni	ited States Government nor under a contract